Approved For Release 2008/09/12 : CIA-RDP78B03826A000300060060-0

PRIORITY

SECRET

OUT—71458

21 DEC 70 18 00

P 211729Z DEC 70
FM NPIC WASHDC
TO RHCOAAA/SAC OFFUTT AFB OMAHA NEBR
RHCOAAA/544TH ARIW OFFUTT AFB OMAHA NEB
RUCILBA/100TH SRW OL 19 MCCOY AFB FLA
RUVRRIA/DIR MAT MGT/MMW ROBBINS AFB, GA
RUWMODA/100TH SRW DAVIS MONTHAN AFB
RUWMODA/12 SAD DAVIS MONTHAN AFB ARIZ
RUEBJRA/NAVRECONTECHSUPPCEN SUITLAND MD
RUEAIIA/CIA WASH DC
RUEKJCS/DIA
RUWBKNA/15TH AF MARCH AFB RIVERSIDE CALIF
RUEFHQA/HQS USAF
BT
S E C R E T CITE NPIC 0061
SAC FOR DIRI, DOSR, DISD, DM4C: 100 SRW DAVIS MONTHAN AFB
FOR DO, DCOI, DCM, AFMS; 12 SAD FOR MD: DIA FOR DC5C;
HQ USAF FOR AFIGOS, AFXOIR; 15TH AF FOR DI, DO, DM4C.
SUBJ: EVAL OF OLD HEAD MSN G-161, 18 DEC 70

1. IMAGE QUALITY: IMAGE QUALITY RANGES FROM GOOD TO POOR WITH MOST IMAGERY IN FAIR TO POOR CATEGORY. MOST IMAGERY EXHIBITS AN OUT OF FOCUS APPEARANCE AT MAGS ABOVE 25X. APPROX 25 PCT OF MSN DEGRADED BY LOW FREQUENCY BANDING, I.E., ALTERNATE PLUS AND MINUS DENSITY BANDS OCCURING AT ONE INCH INTERVAL, PERPENDICULAR TO FORMAT. CROSS-TRACK IMAGE SMEAR AND INSTANCES OF DOUBLE IMAGERY ASSOCIATED WITH THIS BANDING SIGNIFICANTLY DEGRADE IMAGER QUALITY. SOME IMAGERY MAINTAINS EDGE SHARPNESS AT MAGS TO 25X. ERRATIC CYCLE RATES ARE PRESENT INTERMITTENTLY THROUGHOUT MSN CAUSING HOLIDAYS IN GROUND COVERAGE TO OCCUR BETWEEN SUCCESSIVE FWD AND SUCCESSIVE AFT FRS. THE CYCLE TIMES RANGE FROM 7.5 TO 11 SECONDS. INTERPRETATION SUITABILITY RANGES FROM GOOD TO POOR. CLOUDS OBSCURE APPROX 25 PCT ENTIRE MSN.

2. MSN DATA:

A. MSN: G-161; 18 DEC 70
B. CAM: 8006
C. A/C: 340
D. CAM MODE: STEREO
E. VEHICLE T/O: 1205Z; C/O: 1422Z
F. FILM: 3404
G. DEVELOPER: MX-819-1: PROCESS FAC: NRTSC
H. AVG GAMMA ORIG NEG: 1.35
I. EXPOSURE SLIT: 0.100
J. FILTER: W-23A

3. ORIG NEG: EXPOSURE: GOOD

B. DENSITY: THIN TO MEDIUM
C. CONTRAST: MEDIUM
D. IMAGED DEGRADATIONS: NONE NOTED
E. PHYSICAL DEGRADATIONS: NONE NOTED
F. DATA RECORD EQUIP: FUNCTIONED PROPERLY
G. LAST TITLED FR: 399, COUNTER: 404, BIAS CONSTANT THROUGHOUT.

4. POSITIVES: GOOD.

GP-1
S E C R E T

SECRET

END OF MESSAGE

DISTRIBUTION

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7		
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